

Title (en)  
Coaxial PTA balloon

Title (de)  
Koaxialer PTA-Ballon

Title (fr)  
Ballon pour ATP coaxial

Publication  
**EP 1984061 A2 20081029 (EN)**

Application  
**EP 07750421 A 20070209**

Priority  
• US 2007003584 W 20070209  
• US 77324306 P 20060214

Abstract (en)  
[origin: WO2007095125A2] Described herein are low-profile balloon catheters (including PTA balloon catheters), catheter assemblies, and methods of using these catheters. The balloon catheters may include an inflatable member forming an inflatable region at the distal end of the balloon catheter, the inflatable member having a first end fixed to the distal end of the catheter body and a second end coupled to a movable member that is slidably disposed about the catheter body. The movable member is arranged to move toward the distal end of the catheter body upon inflation of the inflatable member. The inflatable region may therefore be held coaxially against the balloon catheter body when the balloon is un-inflated, reducing the overall diameter of the catheter without detrimentally affecting the expansion properties of the balloon.

IPC 8 full level  
**A61M 29/00** (2006.01); **A61F 2/958** (2013.01); **A61M 31/00** (2006.01)

CPC (source: EP)  
**A61M 25/10** (2013.01); **A61M 2025/0681** (2013.01); **A61M 2025/1068** (2013.01)

Designated contracting state (EPC)  
DE GB

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007095125 A2 20070823**; **WO 2007095125 A3 20080807**; CA 2646404 A1 20070823; CA 2646404 C 20150414; EP 1984061 A2 20081029; EP 1984061 A4 20100714; EP 1984061 B1 20120125; EP 2446919 A2 20120502; EP 2446919 A3 20120718; EP 2446919 B1 20160831; JP 2009526610 A 20090723; JP 5329238 B2 20131030

DOCDB simple family (application)  
**US 2007003584 W 20070209**; CA 2646404 A 20070209; EP 07750421 A 20070209; EP 12152066 A 20070209; JP 2008555289 A 20070209